

**ABSTRACT**

Coded data for disposal on or in a surface, the coded data being arranged in accordance with at least one layout having  $n$ -fold rotational symmetry about a center of rotation, where  $n$  is at least two, and having  
5 mirror symmetry, the layout including:

- (a)  $n$  identical first sub-layouts rotated  $1/n$  revolutions apart about the center of rotation, and,
- (b)  $n$  identical second sub-layouts rotated  $1/n$  revolutions apart about the center of rotation, each second sub-layout being a reflection of a corresponding one of the first sub-layouts, at least one sub-layout including:

- 10 (i) rotation-indicating data that distinguishes that sub-layout from at least one other sub-layout; and,
- (ii) reflection-indicating data that distinguishes the reflection of that sub-layout from the reflection of a corresponding reflected sub-layout.